



(<https://camo.githubusercontent.com/9c05044e6e44b3931c2ee98e45a3fb5c8c0dc51c/687474703a2f2f7374c>)

## Introduction

Thank you for your trust in our company and for buying the new Energy Phone Pro 4G Pearl. We hope you enjoy it.

Your new phone has an AMOLED HD 5" display (1280x720 pixels) with anti-fingerprint coating, Octa Core Qualcomm® Snapdragon™ 616 1.5 GHz processor, Bluetooth 4.0, Wi-Fi, GPS, 4G/3G connection, front camera with flash, rear camera with autofocus and flash as well as Corning® Gorilla® Glass 3 rear protection.

Before you start using your smartphone we recommend you to read this manual and familiarize yourself with it. It will only take a few minutes and will help you enjoy your device with maximum performance.

## Care and maintenance

- Do not expose your Energy Phone Pro 4G Pearl to impacts, dust, direct sunlight, humidity or high temperatures.
- Do not use corrosive nor abrasive cleaning products.
- Keep the device clean and free of dust using a soft and dry cloth.
- Charge the battery when the display shows the low battery icon.
- Please do not dismantle the device. All reparation works should be carried out exclusively by qualified staff of Energy Sistem Technology, S.A.

# Main features

---

## DISPLAY

- 5" anti-fingerprint touch screen
- AMOLED technology
- HD Resolution (1280x720 pixels)
- 100% NTSC colour gamut

## PROCESSOR

- Qualcomm® Snapdragon™ 616 processor - MSM8939 Octa Core ARM Cortex A53 1.5 GHz
- Integrated Adreno 405 GPU

## DESIGN

- Aluminium alloy frame
- Highly resistant Corning® Gorilla® Glass 3 rear protection

## OPERATING SYSTEM

- Android™ 5.1 Lollipop

## CAMERAS

- 13 Mpx rear camera with autofocus and LED flash
- 5 Mpx front camera with 84.3° FOV and LED flash

## MEMORY

- 3 GB RAM DDR3
- 32 GB internal memory expandable by a further 128 GB via microSD-HC/XC cards

## CONNECTIVITY

- 4G: 800/1800/2600 MHz (BANDS FDD-LTE XX / III / VII)
- 3G: 900/2100 MHz (BANDS WCDMA VIII / I)
- 2G: 850/900/1800/1900 MHz (GSM BANDS)
- Bluetooth® 4.0
- Wi-Fi 802.11 b/g/n
- A-GPS, GLONASS

## CONNECTIONS

- 2 configuration options: microSIM + nanoSIM or microSIM + microSD
- MicroUSB 2.0 connection with OTG function
- Audio Jack 3.5 mm with CTIA standard

## BATTERY

- Battery capacity: 2600 mAh Li-Po
- AC/DC (Europlug) power adapter. Input: 100-240 VAC 50-60 Hz. Output: 5V 1A
- Battery life: up to 165 hours on standby and 15 hours conversation time.

## OTHER FEATURES

- Notification LED in power On/Off button
- Motion sensor (accelerometer)
- Proximity sensor
- Luminosity sensor
- Integrated speaker
- Integrated omnidirectional microphone
- Noise cancelling microphone
- 87.5 to 108 MHz FM radio with presets
- SAR rate: 0.431 (W/Kg) at the head and 0.408 (W/Kg) at the body (10 mm distance)

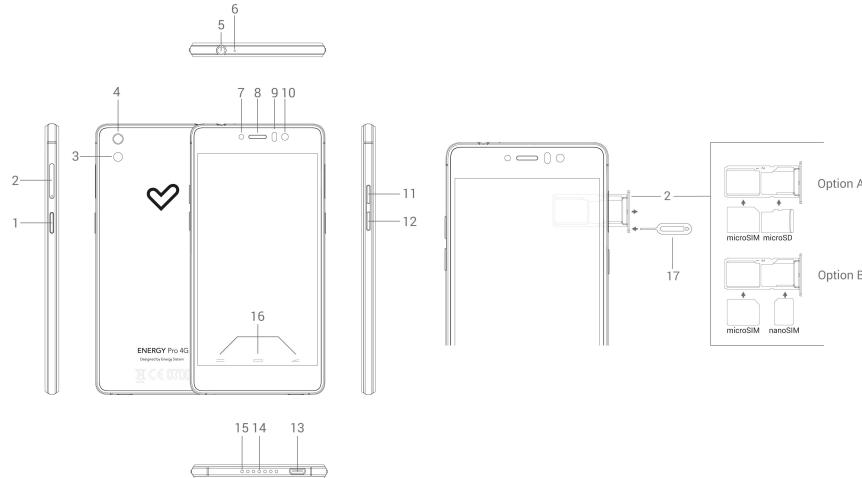
## Product contents

---

- Energy Phone Pro 4G Pearl.
- Quick guide.
- Screen protector.
- USB cable.
- AC/DC 5V 1A (Europlug) 100-240V AC 50-60Hz power adapter.
- SIM/microSD extraction tool.

## General overview

---



(<https://camo.githubusercontent.com/76a56f87bb9a131fa8449c9265797be63afcc7d9/687474703a2f2f7374f>)

1. Power On/Off button and notification led
2. MicroSIM 1/nanoSIM 2/microSD card slots
3. Rear flash
4. Rear camera
5. Headphones output
6. Noise cancelling microphone
7. Front flash
8. Receiver
9. Proximity and luminosity sensors
10. Front camera
11. Volume button "+"
12. Volume button "-"
13. MicroUSB input
14. Speaker
15. Microphone
16. System touch buttons: Recent Apps, Home, Back
17. SIM/microSD extraction tool

## Power supply

---

Your Energy Phone Pro 4G Pearl includes a rechargeable Li-Ion Polymer battery that cannot be removed. The charging time ranges from 2 to 3 hours, depending on whether the device is on or off. Always charge your phone through the USB cable and the power adapter that come with the product to comply with the battery charging times.

## Switch on and off

---

Please verify that the SIM/microSD cards are correctly inserted in the corresponding slots as explained in the "How to insert the microSIM 1/nanoSIM 2/microSD cards" section before turning on your Energy Phone Pro 4G Pearl. After that, press the power button (1) located on the right side of the device for one second. Once the operating system has loaded completely, please unlock the device to start using it. Enter the PIN number of your microSIM/nanoSIM cards and then slide your finger upwards on the screen.

In order to turn off the device, hold the power button (1) until you see the power off menu, then select "Switch off".

Briefly press the power button (1) to lock/unlock the device thus, turning the screen on/off and activating the screen.

### How to insert the microSIM 1/nanoSIM 2/microSD cards

To place the SIM/microSD cards you should remove the slot (2) using the tool (17) located on the external part of the envelope that comes with the product. Insert the tool into the slot hole (2). Once removed, you will see that there are two possible combinations to use SIM or SD storage cards:

Option A: MicroSIM card 1 + microSD storage card.

Option B: MicroSIM 1 card + nanoSIM 2 card.

## Main gestures

---

### Basic gestures

- Tap

Touch the screen briefly



(<https://camo.githubusercontent.com/8a1a605385ab4126116678757bd133fca34ea6c9/687474703a2f2f7374>)

- Double tap

Touch the screen twice quickly



(<https://camo.githubusercontent.com/db80dcae04fdc6774428bbf32f6e0e7e654a6f07/687474703a2f2f7374>)

- Drag

Move your finger over the screen while maintaining continuous contact



(<https://camo.githubusercontent.com/8b1d8c3b7c185b5d06538ec662397fd55d11853c/687474703a2f2f7374>)

- Slide

Slide your finger quickly over the screen



(<https://camo.githubusercontent.com/19a82089a6bd24bb4557d05e1b706dc668d6865b/687474703a2f2f7374>)

- Press

Touch the screen for an extended period of time



(<https://camo.githubusercontent.com/a773834656455845bf8b52066e8397a3957324ba/687474703a2f2f7374>)

- Zoom

Zoom in and out the image on screen



(<https://camo.githubusercontent.com/123d08d94943648cf48946d49af9f88b12d17de1/687474703a2f2f7374>)

## Main screen

---



(<https://camo.githubusercontent.com/60efd7b5aaeee68454ab058e9b4c7aba16bf8946/687474703a2f2f7374>)

1. **Search:** Direct access to Google™ search engine.
2. **Status Bar:** Displays information about the signal status, battery and clock. If you slide down your finger over this area twice, you will access the basic settings menu that manages notifications as well as the main settings menu.
3. **Voice Search:** Access to Google's™ voice search and much more.

4. **Play Store™:** Download the best and most popular apps for your Android™ system.
5. **Energy Music:** Music player.
6. **E-mail:** E-mail service.
7. **Internet:** Web browser.
8. **Menu:** Access to the application and widget menu.
9. **Touch button:** Back.
10. **Touch button:** Home.
11. **Touch button:** Recent Apps.
12. **Phone:** Calls and call log.
13. **Contacts:** Contact management.
14. **Camera:** Access to the built-in camera.
15. **Gallery:** Image gallery.

## Widgets



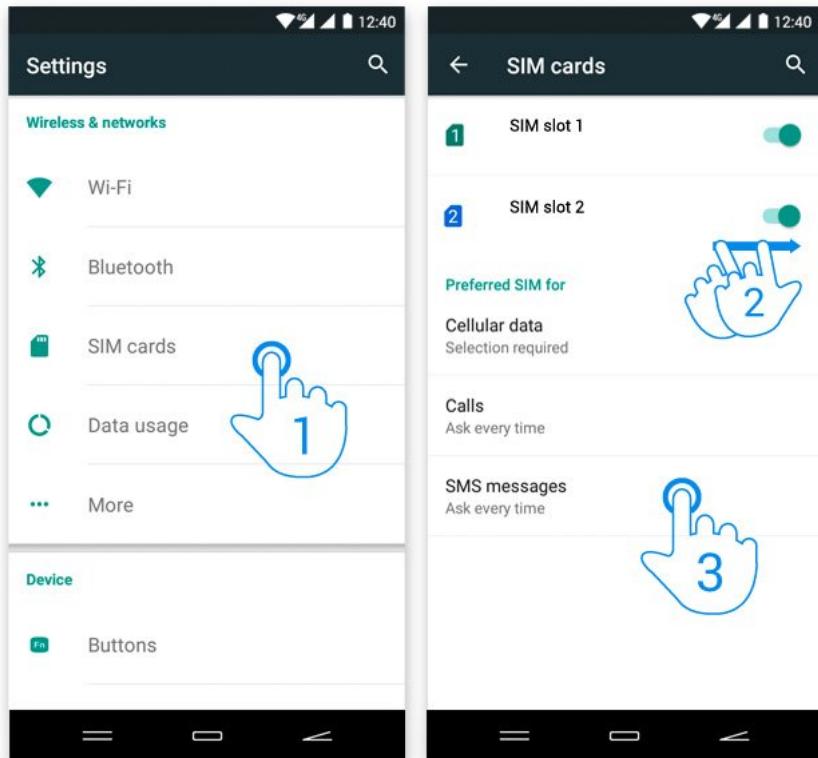
(<https://camo.githubusercontent.com/9c5637496144ff9562f0d5ce7460cdd26a8c81d2/687474703a2f2f73746>)

In order to add a Widget to one of your desktops, tap the centre of the desktop (1) and then, select "WIDGETS" at the bottom of the screen (2). You can slide your finger to the right (3) to see all your installed Widgets. Select the one you want to add to your desktop by keeping it pressed and then release it on the desktop.

Widgets can be easily removed or relocated to other screen areas. To relocate a widget, press it and keep it selected for a few seconds. Once the app has been highlighted, you can move it to another desktop position.

To remove the widget, keep it pressed for a few seconds without releasing it until the X icon appears on top of the screen. Then, drag the widget to that icon and release it.

## SIM card settings



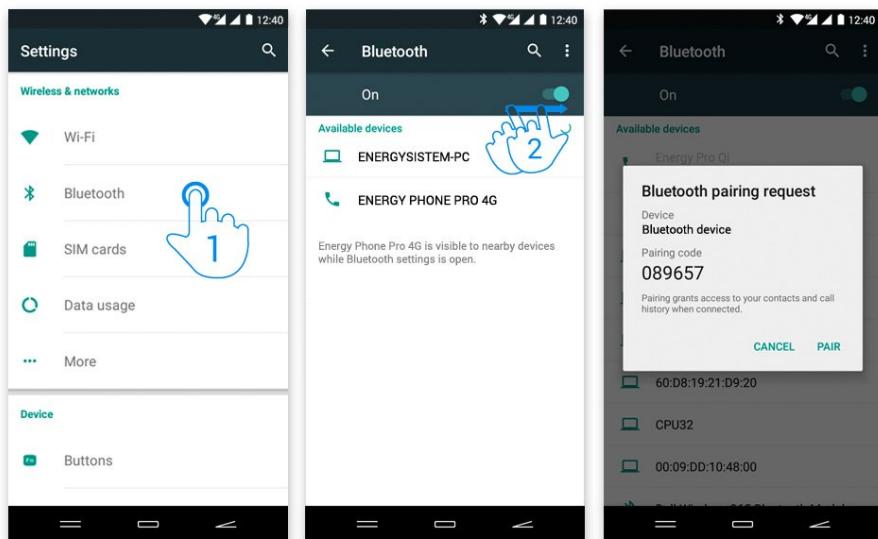
(<https://camo.githubusercontent.com/2f753b192e3c2d5f37c608b8c9ec2db0c2907d3b/687474703a2f2f7374f>)

Your Energy Phone Pro 4G Pearl offers the possibility of using a microSIM card and a nanoSIM card at the same time or a microSIM card and a microSD card. In Settings > SIM Management, you can manage the use of both cards.

In this section you can set the default card to make or receive calls, send and receive text messages and set the data connection.

### Bluetooth setup

Your Energy Phone Pro 4G Pearl has Bluetooth 4.0 to connect your device to headphones, computers, tablets or any device that supports such communication protocol. You just need to go to Settings > Bluetooth and turn the switch to ON. Then, the device will start a search of all available devices and once it has finished, you will only have to select one of them to establish the connection.

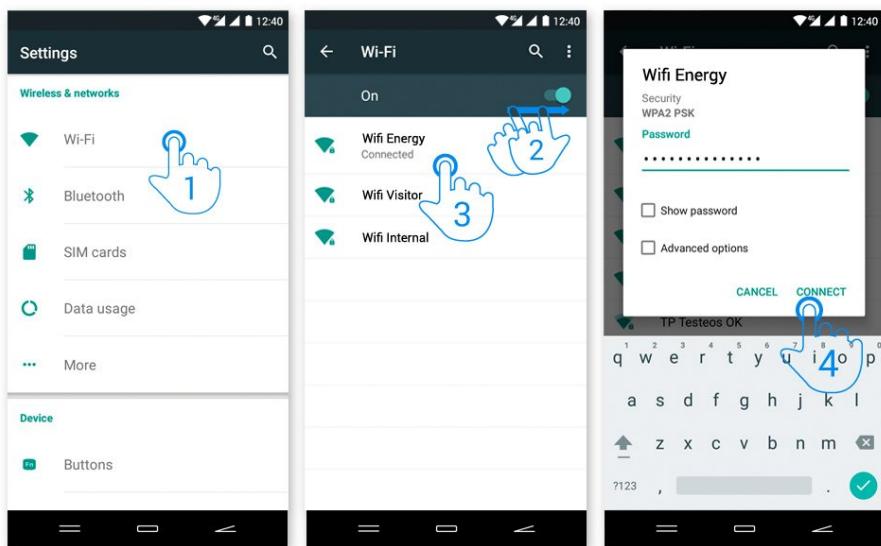


(<https://camo.githubusercontent.com/97b045c84dac8ffeeafbc484e38f9efe1a3b7b65/687474703a2f2f737461>)

1. Settings > Bluetooth.
2. Enable the Bluetooth option.
3. Select the device you want to connect to.
4. Accept the pairing request.

## Wi-Fi settings

Your Energy Phone Pro 4G Pearl has Wi-Fi 802.11 b/g/n connectivity. To connect your device to any wireless network go to Settings > Wi-Fi and turn the switch to the ON position. Then, the device will start a search of all available networks and you will only have to select one of them to connect your device.



(<https://camo.githubusercontent.com/e112279fcd20a3345483db5f1afac6b9521bfb92/687474703a2f2f73746>)

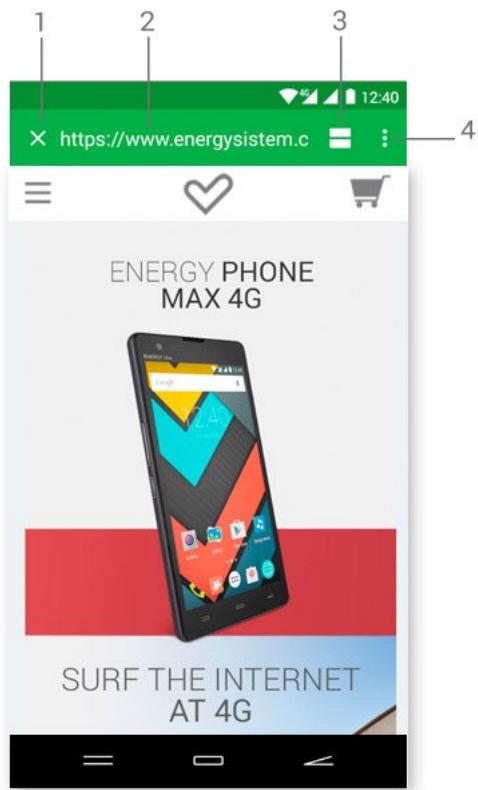
1. Settings > Wi-Fi.
2. Enable the Wi-Fi option.
3. Select your Wi-Fi network.
4. Connect.

**Note:** Your Energy Phone Pro 4G Pearl is compatible with the following security and encryption standards: WEP, WPA, WPA2, TKIP and AES. Once you have completed the authentication process successfully, your Energy Phone will save the Wi-Fi access data and your devide will be ready to access the Internet. The device will remember the network and will automatically connect to it when it is available.

## Internet browser

Your new Energy Phone Pro 4G Pearl has a powerful Web browser among the list of default applications that will allow you to surf the Internet quickly and easily.

Once the device is connected to a Wi-Fi, 3G or 4G network, press the browser icon located on the desktop or in the application menu to start the program. The system will load and display the home page set by default.

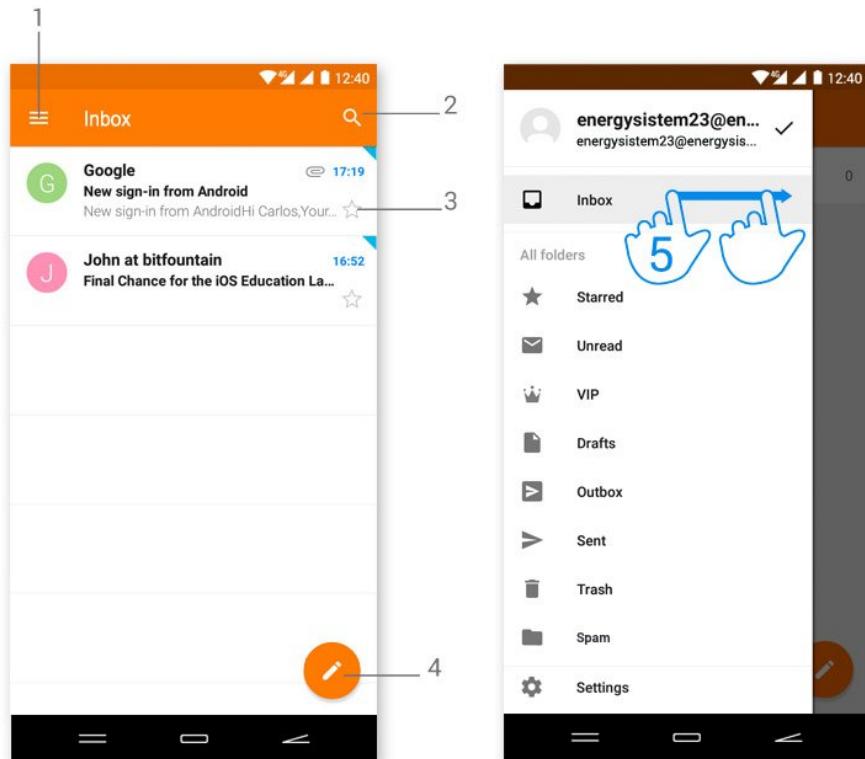


(<https://camo.githubusercontent.com/7e89c5da6b638cd98a5e66901693e6ae45b90e15/687474703a2f2f7374>

1. Refresh.
2. URL address.
3. Tab management.
4. Settings.

### E-mail settings

**Note:** In order to get to know your account settings, please ask your e-mail service provider.

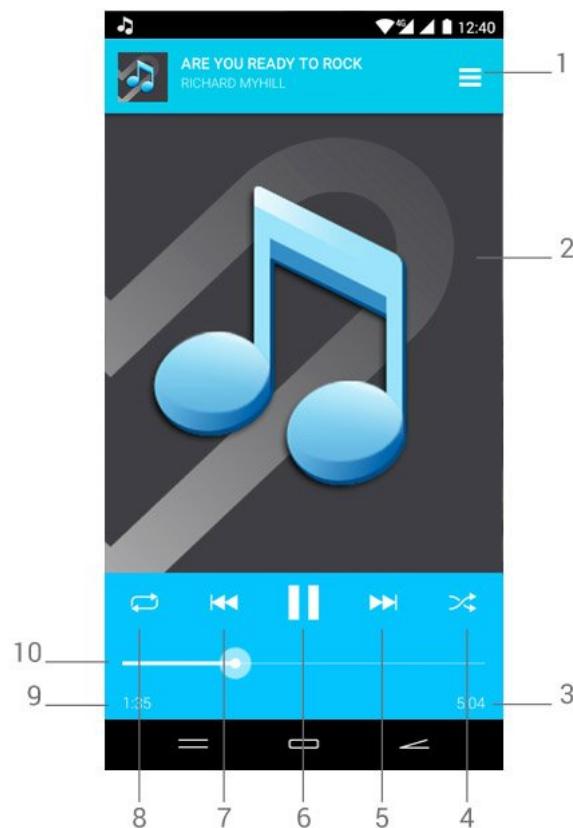


(<https://camo.githubusercontent.com/cc18b9ff51167e42bc2d8fa0cae259f0101e7b38/687474703a2f2f7374>

1. Selected folder.

2. Search.
3. E-mails.
4. New e-mail.
5. Folders.

### Music player



(<https://camo.githubusercontent.com/2a0ef2f6f6cfc7417c98c2cf2f44e68d94752bc/687474703a2f2f737461>)

1. Playlist.
2. Display.
3. Length.
4. Random playback.
5. Next song.
6. Play / Pause.
7. Previous song.
8. Repeat.
9. Elapsed time.
10. Progress bar.

### Video Player

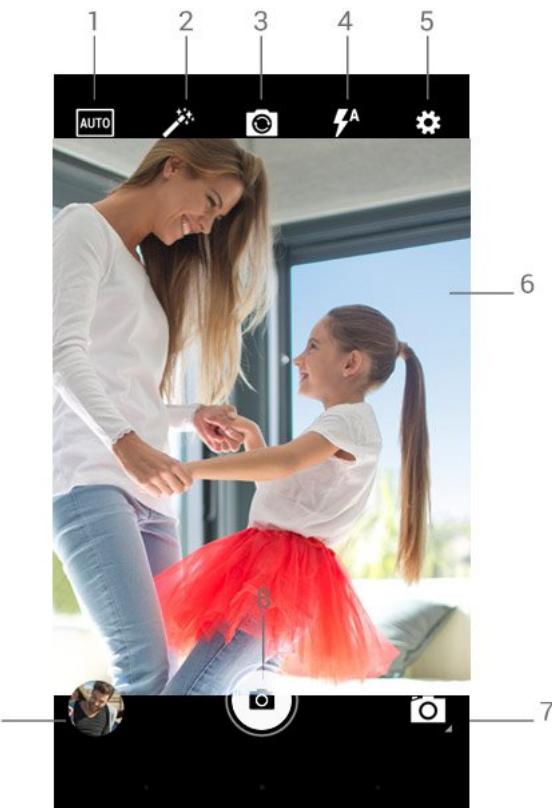


(<https://camo.githubusercontent.com/d70e5864be154fe7b9067a729f2f63309828b475/687474703a2f2f737461>)

1. Back to video list.
2. Play / Pause.
3. Share.
4. Settings.
5. Now playing.
6. Length.
7. Full screen.
8. Forward.
9. Stop.
10. Back.
11. Progress bar.
12. Elapsed time.

## Camera

---



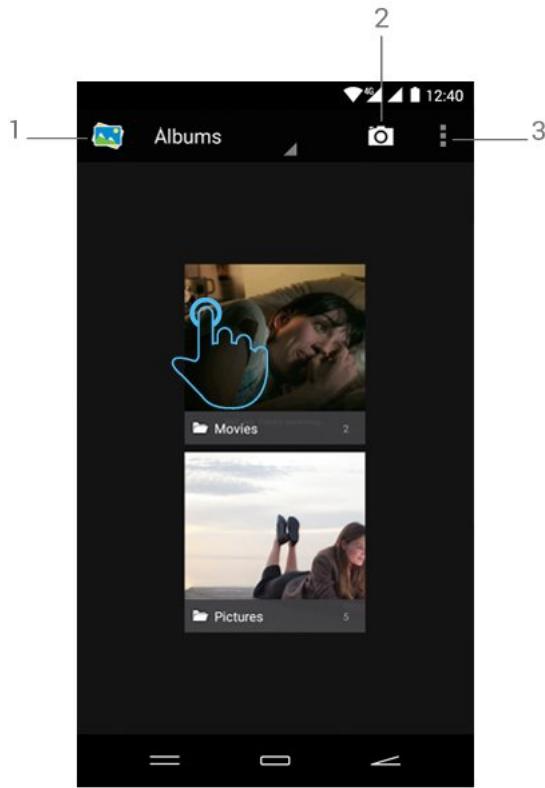
(<https://camo.githubusercontent.com/51ad18c4a2d98dce1427d9382d16da2eab405867/687474703a2f2f7374>)

1. Image mode.
2. Effects.
3. Switch cameras.
4. Flash.
5. Settings.
6. Camera preview.
7. Select mode.
8. Shutter button.
9. Access to gallery.

## Gallery

---

You will be able to view the pictures and videos stored in the device's internal memory.

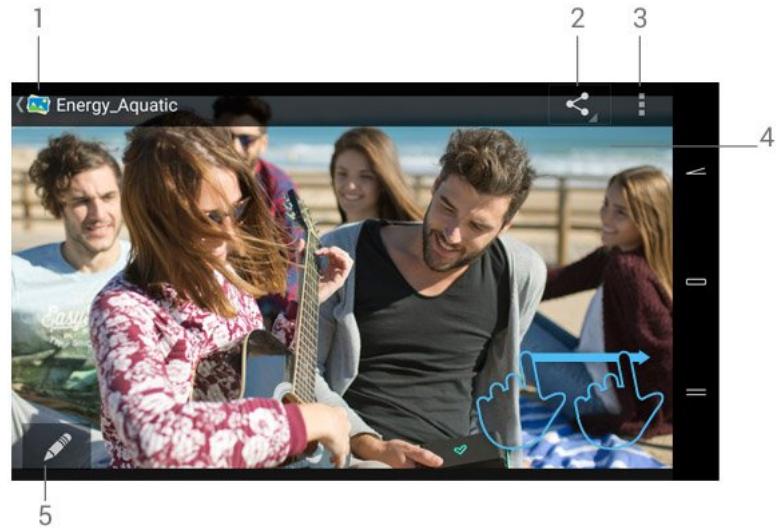


(<https://camo.githubusercontent.com/c6974cb42500bf3160e2bef94a56fd581b6019af/687474703a2f2f7374>)

1. Display options.
2. Camera shortcut.
3. Options.

To view the previous/next image or album, slide your finger horizontally.

To return to the main desktop, press the Back or Home button.



(<https://camo.githubusercontent.com/d4764b0a570dfb45939adacd1f49a3c6049bb7f9/687474703a2f2f7374>)

1. Back to image list.
2. Share.
3. Options.
4. Image.
5. Edit mode.

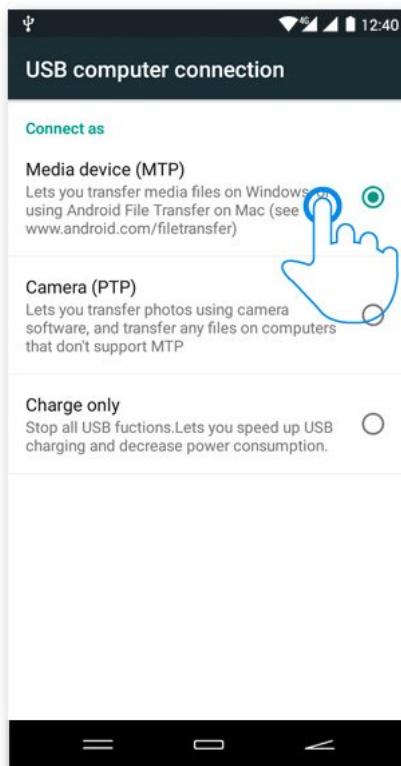
## MicroSD / USB

Your Energy Phone Pro 4G Pearl has a slot for microSD cards to expand your device's memory. To use it, turn off your device before inserting/extracting the card in order to avoid accidental data loss. It supports High Capacity (microSD-HC) and Extended Capacity (microSD-XC) card formats.

Your Energy Phone also includes a microUSB port with HOST and OTG functions. You only need to connect the cable that comes with the product to establish the connection and enjoy all mode functions.

OTG mode (requires a microUSB-USB female adapter that is not included): It allows to connect external devices like keyboards, mice, external drives, etc, and other devices with battery.

HOST mode: It allows to connect your Energy Phone to the computer.



(<https://camo.githubusercontent.com/5a2bdc8318b1ec5d809412ab099e7b815598a3fe/687474703a2f2f7374>)

## Updates

Your Energy Phone Pro 4G Pearl has an Android™ operating system that can be reinstalled or updated if necessary. Updates will be carried out via OTA (Over-The-Air) by default, so your Energy Phone will automatically connect to our servers, download the file and install the new software as soon as an update is released.

You can also update your Energy Phone Pro 4G Pearl using your PC. The process is simple but has to be done carefully and only when it is really necessary. If the device does not respond, restarts unexpectedly or you experience problems accessing the content stored on the internal storage memory, you should reinstall or update the operating system to the latest compatible version available.

Please follow these steps to install it:

1. Make sure that the battery of your Energy Phone Pro 4G Pearl is fully charged. If this is not the case, plug it to the external power source using the provided AC/DC power adapter and wait until it is fully charged.
2. Access the [www.energysistem.com](http://www.energysistem.com) (<http://www.energysistem.com>) website on your computer.

3. Enter the "Support" section and choose "Smartphone" in the type of product.
4. Choose your Energy Phone model from the dropdown list that appears and then download the latest Android™ operating system version available.  
**Important:**  
Please make sure the operating system version you are downloading is intended for your model and serial number, otherwise the device could be damaged.
5. Unzip the file on your computer.
6. Open the text file included in the download and follow the instructions to install the new operating system on your Energy Phone Pro 4G Pearl.

## Troubleshooting

---

1. Why is not possible to play some MP3 files?  
The MP3 file must follow the Layer 3 Standard for MPEG-1, MPEG-2 or MPEG 2.5 formats. Otherwise, it has to be converted using specific software.
2. My Energy Phone does not turn on, what can I do?  
Make sure that the battery has enough charge when trying to turn it on. If the problem continues after charging the device for at least 30 minutes, there may be a problem with the installed operating system. Please, refer to the "Updates" section of this manual.
3. Why is not possible to play some WMA files?  
Make sure you are not trying to play WMA files with DRM.
4. Why is not possible to display video files, images or text while using the music player?  
In general, applications only display the files that are compatible and that the programme is able to read. Therefore, you will only be able to display the files with the format that is compatible with that programme (songs with the music player, videos with the movie player, etc...) while you browse the folders of that specific application. In order to see all the files stored on the internal memory at the same time, start the file explorer application from the application menu.
5. Which video formats are compatible with my Energy Phone?  
Your Energy Phone can play several video formats like MP4, 3GP or MOV among others without needing to recode.
6. Why is not possible to display my jpg images?  
Many digital cameras and image editing software add hidden data to jpg files. This can prevent your Energy Phone from loading the images. Try deleting them and save the images with another name.
7. Sometimes the screen turns black and the device does not respond.  
It is always better to restart the device through one of the available system options but if this is not possible, please restart it by pressing the power and volume buttons for about 10 seconds.
8. The built-in memory of the Energy Phone Pro 4G Pearl is 32 GB, but the available memory is lower. Why?  
The Android™ operating system and the preinstalled applications need approximately 8 GB internal memory to work properly. Therefore, the available memory for additional data is less than 32 GB.
9. What do I have to do to install an application?  
First of all, make sure that the file has the Android™ application extension (.APK). Then, Android™ will ask you to activate the app installation from "Unknown sources" option, which has been disabled for security reasons. To enable the installation of apps, you only have to follow the instructions on the screen the first time you try to install an application: Settings / Security / Unknown sources (activate). This action may compromise the device security. Therefore, we strongly recommend to install applications from reliable sources only.
10. How long does the battery last?  
It depends largely on the usage conditions such as the screen brightness, the use of

headphones or speaker, whether the Wi-Fi connection is enabled or disabled and the use of GSM, 3G and 4G networks. The battery life of the Energy Phone Pro 4G Pearl lasts up to 165 hours on standby and 15 hours in conversation mode.

#### 11. Which are the 4G and 3G operating frequencies of my device?

Your Energy Phone Pro 4G Pearl is prepared for the WCDMA 900/2100 MHz bands to work on 3G mode and for the FDD-LTE 800/1800/2600 MHz bands to work on 4G mode.

## Safety precautions and SAR

---

### Safety precautions

It is prohibited to use the phone in certain places or situations such as airplanes, hospitals, service stations and garages.

To reduce the amount of radiation, use a hands-free kit, the speaker mode, a Bluetooth headset and do not make calls in places where the signal is weak, in the car, train or subway. Keep the phone away from sensitive areas like the belly of pregnant women, especially when making a phone call. If you have an electronic implant (pacemakers, insulin pumps, neurostimulators...) place the phone at least 15 cm from the body and on the opposite side to the implant when making a phone call.

### Exposure information (SAR)

This device complies with the guidelines developed by the ICNIRP for exposure to radio waves. The unit does not exceed the SAR radio wave exposure limits. This unit measures the amount of radio energy absorbed by the body when using a device. The SAR limit adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue. The test performed showed that the highest SAR value for this device when using it near the ear/head is 0.431 W/Kg.

## Warranty

---

Energy Sistem Technology, S.A. is liable for any lack of conformity that exists at the time the goods are purchased during a period of 36 months. Batteries are excluded from the 36-month warranty, having a warranty period of 12 months.

This warranty covers any defects in workmanship or materials. This warranty does not cover any failure of the product due to accidents, misuse or alteration made by an unauthorized person.

The special 36-month warranty is valid for the European Union. For other countries please refer to the specific legislation or your local distributor.

## Warranty procedure

---

Visit <http://www.energysistem.com/en/support> (<http://www.energysistem.com/en/support>) and select your product to view the FAQ (Frequently Asked Questions), user manual, drivers and updates available. You will also have the possibility to submit a query to the Technical Service or to manage the warranty.

1. You can check the availability of the user manual in your language at <http://www.energysistem.com/guide/42500> (<http://www.energysistem.com/guide/42500>)
2. Alternatively, you may prefer to contact the distributor that sold the product by presenting the purchase receipt or invoice.

**Important:** This warranty does not cover any damage or loss of data stored in warranty products. Therefore, Energy Sistem's Technical Service will not assume any loss of the above mentioned information. In this respect it is recommended that you make a backup of your data and remove any personal data from the product's internal memory before sending it or send it only with the original data.

## Trademarks

---

All company, brand and product names are trademarks or registered trademarks of their respective companies.

© 2016 by Energy Sistem Technology, S.A. All rights reserved.

NOTICE: The present device could contain links to other sites or websites operated by third parties not related to Energy Sistem Technology, S.A. These connections are provided for your information or convenience; Energy Sistem is not responsible for their availability, content, update, adequacy or accuracy. These external links might contain or refer to trademarks, patents, registered information, technologies, products, processes or rights that belong to other companies or individuals. All the rights reserved are property of their respective owners and the user is not granted with any license or right related to those brand names, patents, industrial secrets, technologies, products, processes or other rights property of other companies or individuals.

## Declaration of conformity

---

**CE 0700**

(<https://camo.githubusercontent.com/071908af658a8d13dd58925ed00e16aaddfb7b13/687474703a2f2f7374>)

Manufacturer name:

Energy Sistem Technology, S.A.

Address: C/ Calpe, 1.

03509 Finestrat - Alicante (Spain).

Tel: + 34 902 388 388 // Fax: + 34 902 119 034

Tax code: A53107488

We declare under our own exclusive responsibility that the product:

**Energy Sistem™ Energy Phone Pro 4G Pearl**

Manufacturing Country: China

Is in compliance with the essential norms and standards of the Directive 99/05/CE of the European Parliament and of the Council of 09 March 1999.

You may request a copy of the declaration of conformity at C/ Calpe, 1 - 03509 Finestrat - Alicante (Spain) Tel. +34 966 831 058

Finestrat, 01 April 2016